

The following claims are presented for examination:

**1-28.** (Canceled)

**29.** (New) A method comprising selecting one of a plurality of physical media for sending a message from a first telecommunications terminal to a second telecommunications terminal, based on the semantic content of said message.

**30.** The method of claim 29 where each of said physical media is associated with a respective degree of security, and wherein the selection is also based on said respective degrees of security.

**31.** The method of claim 29 where the selection is also based on the user to whom said message is directed.

**32.** A method comprising selecting one of a plurality of physical layer protocols for sending a message from a first telecommunications terminal to a second telecommunications terminal, based on the semantic content of said message.

**33.** The method of claim 32 where each of said physical layer protocols is associated with a respective degree of security, and wherein the selection is also based on said respective degrees of security.

**34.** The method of claim 32 where the selection is also based on the user to whom said message is directed.

**35.** A method comprising selecting one of a plurality of medium access controls for sending a message from a first telecommunications terminal to a second telecommunications terminal, based on the semantic content of said message.

**36.** The method of claim 35 where each of said medium access controls is associated with a respective degree of security, and wherein the selection is also based on said respective degrees of security.

**37.** The method of claim 35 where the selection is also based on the user to whom said message is directed.

**38.** A method comprising selecting one of a plurality of networks for sending a message from a first telecommunications terminal to a second telecommunications terminal, based on the semantic content of said message.

**39.** The method of claim 38 where each of said networks is associated with a respective degree of security, and wherein the selection is also based on said respective degrees of security.

**40.** The method of claim 38 where the selection is also based on the user to whom said message is directed.

**41.** A method comprising selecting one of a plurality of physical media for sending a message based on the user to whom said message is directed.

**42.** The method of claim 41 where each of said physical media is associated with a respective degree of security, and wherein the selection is also based on said respective degrees of security.

**43.** The method of claim 41 where the selection is also based on the user who sends said message.

**44.** A method comprising selecting one of a plurality of physical layer protocols for sending a message based on the user to whom said message is directed.

**45.** The method of claim 44 where each of said physical layer protocols is associated with a respective degree of security, and wherein the selection is also based on said respective degrees of security.

**46.** The method of claim 44 where the selection is also based on the user who sends said message.

**47.** A method comprising selecting one of a plurality of medium access controls for sending a message based on the user to whom said message is directed.

**48.** The method of claim 47 where each of said medium access controls is associated with a respective degree of security, and wherein the selection is also based on said respective degrees of security.

**49.** The method of claim 47 where the selection is also based on the user who sends said message.

**50.** A method comprising selecting one of a plurality of networks for sending a message based on the user to whom said message is directed.

**51.** The method of claim 50 where each of said networks is associated with a respective degree of security, and wherein the selection is also based on said respective degrees of security.

**52.** The method of claim 50 where the selection is also based on the user who sends said message.